ABSTRACT OF THE DISCLOSURE

A system and method for high performance multi-controller processing is disclosed. Independent Network storage controllers (NSCs) are connected by a high-speed data link. The NSCs control a plurality of storage devices connected by a Fiber Channel Arbitrated Loop (FCAL). To provide redundancy, for a given logical unit of storage one NSC will function as the primary controller and the other NSC will function as a mirror controller. To enhance the efficiency of command-response data transfers between NSCs, mirror memory is correlated with primary memory and named resources are used for command-response data transfers. Methods are disclosed to provide for efficient active mirroring of data.

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